

Please replace the paragraph starting at line 8 on page 10 with the following replacement paragraph:

Driver Y 720 goes through a similar process with the common shim component 750. In this case, however, driver Y 720 utilizes its own context component 740 and a different procedure call. Driver Y 720 ultimately seeks to call Foo procedure 762, but as shown here after calling VerifierFoo procedure 764. The hook component 742 of the driver context component 740 determines and saves information related to the procedure called by the shim component 750. Thunk component 744 ~~the~~ links the driver to the shim component 750 by changing ~~is~~ the reference address in driver Y's import address table 724. Thereafter, when driver Y 720 calls the Foo procedure in its code section 722 control is transferred to the context component 740. Context component then stores the stores a pointer to the context information in a register or by alternative means transfers the location of the context information or the context information itself to shim component 750. Shim component 750 then executes its functionality and then using the context information jumps to the verifier procedure 764, which executes and jumps to the Foo procedure 762 that is associated with an oskrnl.exe code at 760. It should be noted that by retrieving and maintaining context data for each driver, the subject invention ensures that context data for previously shimmed drivers is not lost upon the utilization or calling of the shim by another driver. Conventional shimming practices would have lost information regarding the context of the driver X 710 upon execution of driver Y 720. In this case, if driver X 710 was called again after driver Y 720, a conventional shim would not know which procedure driver X 710 originally referenced as context data would not have been retained and the reference in the drivers import address table would have been changed to reference the shim component 750. The present invention eliminates this problem by storing unique context information for each driver component.

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Please replace the paragraph starting at line 22 on page ~~10~~<sup>11</sup> with the following replacement paragraph: